

ABSTRACT OF DISCLOSURE

A drive for a cleaning fan of an agricultural combine that provides resilient flexibility in connection to a structural element of the combine and/or to the fan for correcting or allowing angular misalignment and axial movement between an output of the drive and the fan input. In one embodiment the drive includes a resiliently flexible member connecting the output of the motor in rotatably driving relation to the rotatable input of the fan, the flexible member having sufficient resiliently flexibility so as to allow limited variations in relative angular orientation and axial spacing between the input and the output. In another embodiment a mounting element for mounting the motor to the structural element includes a resiliently flexible member for supporting and holding the motor in alignment with the fan while allowing a limited amount of relative axial and angular movement therebetween. As an advantage of the present invention, angular misalignment and axial displacement between the output of the motor and the fan shaft is compensated for and/or corrected, both during initial assembly and during operation. As a result, stress on the motor output is reduced, resulting in improved motor life and reliability.